



# WATTS NEWS

*Welcome to the OARC e-Magazine*

[www.OgdenArc.org](http://www.OgdenArc.org)

**APRIL/MAY 2008**

Next Club Meeting

**3rd Saturday May 17, 2008**

**Topic:** Morse Code (HF CW) Made Fun by Bob Carter WR7Q

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## OARC OFFICERS

President: Kent Gardner WA7AHY  
Vice Pres: Kim Owen KO7U  
Secretary: Maggi Campbell N7HCP  
Treasurer: Jeff Anderson KD7PAW

Director #1: Mike Webster N9NZ  
Director #2: Stan Sjol WOKP

## "WATTS NEWS" e-Magazine

Editor: Val Campbell K7HCP

## OTHER CLUB FUNCTIONS

Webmaster: Val Campbell K7HCP  
VE Liaison: Mary Hazard W7UE  
Repeater Engr: Mike Fullmer KZ7O  
Past President/Advisor:  
Mike Fullmer KZ7O

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# PREVIOUS CLUB MEETING

3rd Saturday March 15, 2008

## DX'ing and DX Antennas

The guest speaker for the March club meeting was a member of the Utah DX Association, Dennis Utley, AF7Y. He present on DXing, (The art of contacting stations from far away places) and DX antennas that work. This was a very good opportunity to learn more about this exciting aspect of amateur ham radio and how we can, with modest antennas, make contacts with ham all around the world. Thanks Dennis for sharing that with us.

Larry, AD7GL volunteered a "ham radio defining moment". Way back when, he was 17 and was the club member in charge of the emergency equipment. For field day he took, by himself, the (old truck like van?) with WWII radio equipment in it and towing a surplus generator, made it up to the top of the mountains where the club was having field day. He grew a lot that day and had increasing confidence in himself ever since.

Charles, N7SFT brought a neat European style terminal strip for Hints and Kinks that he used for distributing battery power to a number of units. It had tough nylon construction and easily facilitated jumper wires on the backside. It was available at Radio Shack. It was passed around for all to see.

Charles Clark, electronics teacher at Bonneville High School (451-2521), brought the bad news that Bonneville was discontinuing the electronics program for its students. Consequently, they had a closed bid sale on Sat. 29 Mar 08 beginning at 9:00AM at 251 E. 4800 S. in South Ogden for all the ham radio gear from the school station. He provided us a list of the equipment with the cost new and the minimum bids. There were other items for sale outright with no bids needed.

## PREVIOUS CLUB MEETING

3rd Saturday April 19, 2008

April's meeting was "homebrew - show and tell".

Special door prize winner at the April meeting was Tom Harrington AF7J. He won a home brew Spectrum Analyzer complete with Oscilloscope made and donated by Stan Sjol WOKP.

Stan shared with the OARC board members a fun project that he has been experimenting with lately. It is a low signal level tracking program called "Wisper" WSPR developed by K1JT. Check it out and download it from the following website <http://physics.princeton.edu/pulsar/K1JT/>

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# NEXT CLUB MEETING

**When:** 3rd Saturday May 17, 2008  
**Time:** 9:00 AM  
**Location:** Riverdale Fire Station (see web site for map)  
**Talk-in:** -146.90 (pl=123)

**Topic:** Morse Code (HF CW) Made Fun by Bob Carter WR7Q - Murray UT

This is a presentation on some of the do's and don't of learning Morse Code...

Topics to be covered:

- sending;
- receiving;
- commitment;
- reality;
- “the goal”;
- different methods of learning;
- practicing;
- software programs;
- making your own training cd's;
- “q” codes;
- helping the “big boys” do faster code and a brief training drill...

# FROM THE PRESIDENTS SHACK

Kent Gardner WA7AHY

From the President's Shack  
May 2008

The April homebrew show and tell meeting has come and gone. We saw some very interesting projects and experienced high excitement...one of the best meetings of the year. I have an informal video tape of the meeting. If you would like to borrow it, let me know.

One of the homebuilt projects shown was of a very nice code key/squeeze-keyer by Mike Webster. CW has been on his mind lately it seems. Mike has arranged to have a speaker come to our May meeting to talk about Morse code. The speaker identified elsewhere on our website is a relatively new ham, but has a passion for the code. He will give us some proven tips on how to learn the code and if we already know it he will tell us how we can improve. Yes, there is no longer a requirement to learn code to get a license, but CW has to be one of the most romantic methods of communications ever. You will not want to miss the meeting.

TNX

Kent, WA7AHY

## MORE FROM THE PRESIDENTS SHACK

### Editors Note:

*Kent's April message was too good to not publish here at this time (since there was no April newsletter)*

From the President's Shack  
April 2008

I am writing this before the tax deadline and time is running out and will have gone before this is published. I am also writing this before our club meeting on Saturday the 19<sup>th</sup> at 9:00 AM and time is running out to finish up our homebrew projects for the show and tell during the meeting.

As my dad used to say with a smile on his face, "It is better to have loved a short girl and lost, than never to have loved a tall". So it is also, that it is better to bring a short project finished than not to have brought a tall one that is not. Well, sort of....bring whatever project you would like to show everyone, even if it is not finished. Also, note that it is okay to bring something that is not necessarily homebrew, but you have changed or modified it to better suit your needs or has a "Hint or Kink" value. We will be putting up the desks around the walls of the meeting room and putting the chairs in middle. As you arrive you can find an open spot on the table and setup your display. We will then go around the room one at a time and have everyone describe their project.

I personally have enjoyed these types of programs because of their enthusiasm building for homebrew and do-it-yourself projects. This brings back the romance in ham radio that I have been alluding to. If you do not have any particular project to share, by all means come anyway. There is much to learn and enjoy.

TNX

Kent, WA7AHY

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## **CLUB NEWS**

### **CONGRATULATIONS:**

**The following attendees successfully tested at the recent  
Weber Co VE test session**

- **George Muller - Tech = KE7TQT**
- **Zack Lollar - Tech = KE7TQU**
- **Peter Lakomski - Tech = KE7TQV**
- **Ben Noid - Tech = KE7TQW**
- **Brian Brzowski - Tech = KE7TQX**

## **MORE CLUB NEWS**

**OARC Station QSL Card**

## STILL MORE CLUB NEWS

The Weber Co VE Test Session June 4th will NOT be held as usual.

In it's place, a test session will be held at the ECOMM HamFest at 11:00 - 1300 hrs.

Sponsored by Weber Co Sheriff's Communications Team & Weber County ARES  
June 07, 2008 - 08:00 to 13:00  
Browning Armory - 625 E 5300 S, South Ogden, UT

(See club website for Flyer (pdf))

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# AR HOBBY NEWS

## What's Happening?

- **3-Day Ham Class (June 5-June 7)...**

See the club website home page for details

- [invitation letter](#) (pdf)
  - [attachment](#) (pdf)
- 
- [Utah Hamfest 2008](#) (Brice Canyon - Ruby Inn)  
July 11-13 (even numbered years only)
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- **No WIMU 2008** (odd numbered year only)  
"Wyoming-Idaho-Montana-Utah" Hamfest (Jackson Hole Wyoming)
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# NEWS ARTICLES

## Ham radio to the rescue where cell phones failed

When a woman crashed her truck over a cliff in Logan Canyon, witnesses tried to call for help on their cell phones, to no avail. There is no cell coverage in the canyon. But one man was still able to call for help, using old-fashioned technology.

In the same Fish Haven, Idaho room where he grew up playing with radios, Eldon Kearl now seems to have them all. "It's been my hobby, electronics, all my life," he said.

He's particularly fond of ham radios. He can talk to just about anyone in the world with just a little handheld radio. He carries it all the time.

"Lots of organizations are realizing the value of the ham radio in the event of an emergency," Kearl said.

Last week in Logan Canyon there was an emergency. A driver lost control of her truck in the snow, falling more than 100 feet over a cliff. Two of her three passengers were thrown out.

Other drivers stopped to help, but with no cell phone coverage, it was at least a 30 minute drive to make a call. It just so happens that Kearl drove by and had his little radio. "Immediately, I had contact with another ham in Logan," he says.

On the other end was Roger Ellis. Ellis, who says he's still new when it comes to ham radios, was able to talk to Kearl and relay information to dispatchers. A half hour later, help was on the scene.

"It was great. That's the reason I got into this ham radio stuff is for the emergency communications. It felt good," Ellis said.

Even though everybody in the crash turned out OK, there were some injuries, and the Utah Highway Patrol says if not for those ham radio operators getting help so quickly, those injuries could've become worse. But, as Kearl says, "It all worked out pretty good."

Kearl and Ellis have never met, but since they live relatively close to each other, they plan on meeting each other in person soon.

## MORE NEWS

The FCC denies the Petition for Rule Making. RM-11392.

### Digital Stone Age averted

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As indicated by Mark N5RFX, on Wednesday 07 May 2008, FCC denied the infamous [Digital Stone Age Petition](#).

The petition, seeking to abolish various digital data communications methods that are in everyday use by the global ham community, threatened to turn back the clock on digital innovation in the USA Amateur Radio Service. It would have taken away amateur license privileges from General, Advanced, and Amateur Extra operators. A bulletin about this petition was sent out in late December 2007, and a surprisingly large number of ham operators mobilized to respond to FCC during the very short time allowed.

**FCC "received 650 comments and reply comments, most of which opposed" the RM-11392 submitted by petitioner Mark Miller N5RFX.**

FCC did not ignore those hundreds of hams. Yes, FCC fulfilled their basic responsibility to be accountable to the public and they covered the fine details of the issues at stake; but they did a lot more... they used this opportunity to make statements pointing the Amateur Radio Service back on track toward a philosophy of regulation that encourages digital advancement. Thankfully, for the future of ham radio, FCC was not persuaded to pursue the objectives of Mr. Miller's petition, by etching in stone the obsolete remnants of past technologies.

In FCC's official consideration statements, FCC specifically didn't go for a finite limit of bandwidth for HF digital data emissions for the amateur radio service. FCC instead prefers for now to rely upon existing rules, and to further encourage amateur radio operators to advance the radio art. FCC said that imposition of such limits might impede experimentation and technological innovation.

Importantly, FCC also says that it does not believe that it is in the public interest to prohibit communications technology that is already in current use in the Amateur Radio Service.

FCC: We believe that imposing a maximum bandwidth limitation on data emissions would result in a loss of flexibility to develop and improve technologies as licensees' operating interests change, new technologies are incorporated, and frequency bands are reallocated.

## FEATURE ARTICLE

As part of a trip to Arizona and New Mexico I made it a point to stop at the Very Large Array (VLA) radio telescope site West of Socorro, NM. The picture shows some of the many dish antennas. As a part of their science experiments the Long Wave Array (LWA) set up shop across the street from the VLA visitors center. It is designed to receive 10-88 MHz which certainly covered the two HAARP frequencies. The equipment appears to be housed in a surplus military communications trailer. Other sites will be built and located elsewhere and use the interferometric principle with baselines of over 400 km.

Kent WA7AHY

# ANNOUNCEMENTS

## Next Club Meeting:

**3rd Saturday May 17, 2008**

- The Ogden Amateur Radio Club meetings are usually held on the 3<sup>rd</sup> Saturday of each month.
- **Time: 9:00 AM**
- **Location: Riverdale Fire Station**

**Topic: Morse Code (HF CW) Made Fun**

- **Talk-in: -146.90 (pl 123.0)**

Check OARC web site for details

[www.ogdenarc.org](http://www.ogdenarc.org)

- Please invite a friend to join you. You do not have to be a member of the club to participate in our club meetings or activities. We invite all to join us.
- If anyone is interested in doing a presentation on something or just have something unique to show at the meetings.
  - Please get a hold of any of the officers and let us know.

## Next Weber Co VE Test Session:

**1st Wed Oct 01, 2008**

- Exam sessions are held in Ogden every few months, *usually* the first Wednesday in February, June, and October.

**Time: 05:00 PM** *Walk-ins allowed*

**Location:**

**WEBER CENTER**  
**2380 Washington Blvd,**  
**Room # 112**  
**OGDEN, UT 84401**

**Contact: VE Liaison:**

**Mary Hazard** [w7ue@arrl.net](mailto:w7ue@arrl.net) (801-430-0306)

**Cost: \$14.00**

Two forms of **ID**, one of which must be a **picture ID**.

For "Upgrades" bring current **license** and a **copy** of current license, and any **CSCE's**

Most **calculators** allowed. Calculator memories must be cleared before use.

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## Club Web Site

Be sure to visit our club web site.

- [www.OgdenARC.org](http://www.OgdenARC.org)

Club membership is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

You do not need to join the club to participate with us.

## Club Call Sign

Listen to the club repeaters for this very familiar CW ID. You do know Morse Code don't you?

- **W7SU**

ARRL Field Day is held on the last full weekend of June every year.

Location may vary each year so watch this notice for details as time draws near.

See you there.

OARC REPEATERS			
FREQ	CLUB	ZONE	LOCATION
146.820-	OARC	123.0	Mt Ogden
448.600-	OARC	123.0	Mt Ogden
146.900-	OARC "Talk-in"	123.0	Little Mtn (w/auto patch)
448.575-	OARC	100.0	Little Mtn (w/auto patch)

OTHER AREA REPEATERS			
FREQ	CLUB	ZONE	LOCATION
146.620-	UARC	none	Farnsworth Pk
147.120+	UARC	100.0	Farnsworth Pk
449.100-	UARC	146.2	Farnsworth Pk
449.500-	UARC	100.0	Farnsworth Pk
ATV	UARC	Ch-58	Farnsworth Pk
147.040+	DCARC	123.0	Antelope Isl
447.200-	DCARC	127.3	Antelope Isl
449.925-	DCARC	100.0	No Salt Lake
145.290-	UBET	123.0	Brigham City
145.430-	UBET	123.0	Thiokol
448.300-	UBET	123.0	Thiokol
146.640-	BARC	none	Logan
146.720-	BARC	103.5	Mt Logan
147.260+	BARC	103.5	Promontory Pt
449.625-	BARC	103.5	Mt Logan
145.250-	WSU	123.0	* coming soon
449.250-	WSU	123.0	* coming soon
145.490-	K7HEN	123.0	Promontory Pt
146.920-	N7TOP	123.0	Promontory Pt
449.775-	N7TOP	123.0	Promontory Pt
448.825-	IRLP/Echo	123.0	Clearfield City
449.950-	IRLP	123.0	Clearfield City
449.425-	IRLP	100.0	Nelson Peak
147.360+	Summit County	100.0	Lewis Peak

**AREA CLUB MEETINGS & WEB SITES**

CLUB	WEB SITE	DATE/TIME	LOCATION
Ogden ARC	<a href="http://ogdenarc.org">ogdenarc.org</a>	3 <sup>rd</sup> Saturday 09:00 am	Check OARC web site ...
WC ARES	<a href="http://ogdenarc.org/join.html#ares">ogdenarc.org/join.html#ares</a>	2 <sup>nd</sup> Thursday 06:30 pm	Weber Co. Library Ogden Utah
WC Sheriff Comm-O		1 <sup>st</sup> Saturday 09:00 am	Weber Co. Sheriff Complex West 12 <sup>th</sup> Street Ogden Utah
Barc	<a href="http://barconline.org">barconline.org</a>	2 <sup>nd</sup> Saturday 10:00 am	Cache Co. Sheriffs Complex 200 North 1400 West Logan Ut
CSEERG	<a href="http://dcarc.net/ares.htm/">dcarc.net/ares.htm/</a>	Last Wednesday 8:30pm	Clearfield City Hall Clearfield Utah
Dcarc	<a href="http://dcarc.net">dcarc.net</a>	2 <sup>nd</sup> Saturday 10:00 am	Davis Co. Sheriff Complex Farmington Utah
NU Ares	<a href="http://home.comcast.net/~noutares/">home.comcast.net/~noutares/</a>	3 <sup>rd</sup> Wednesday 7:00 pm	Cache Co. Sheriff Office Logan Utah
Uarc	<a href="http://xmission.com/~uarc/">xmission.com/~uarc/</a>	1 <sup>st</sup> Thursday 7:30 pm	UofU EMC Bldg Room 101 Salt Lake City Utah
Ubet	<a href="http://27meg.com/~k7ub/">27meg.com/~k7ub/</a>	4th Thursday 6:30 pm	BE-Thiokol: 24 East 100 South Brigham City Utah
Utah DX Association	<a href="http://udxa.org">udxa.org</a>	3 <sup>rd</sup> Wednesday check web page for details	check web page for details Salt Lake City area
UvhfS	<a href="http://ussc.com/~uvhfs/">ussc.com/~uvhfs/</a>	Each Tuesday 8:00 pm (refer to web site)	Weekly 2 meter net (no eye ball meetings)
WD Arc	<a href="http://westdesertarc.org/">westdesertarc.org/</a>	1 <sup>st</sup> Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	<a href="http://arcweber.edu">arcweber.edu</a>	3 <sup>rd</sup> Thursday 5:30 pm	WSU Blding #4 Room ? Ogden Utah

LOCAL AREA NETS		
DATE	CLUB	FREQ
Daily @ 12:30 PM mt	Utah Beehive net HF	7.272 Mhz <b>HF LSB</b>
Daily @ 07:30 PM mt	Utah Code net HF	3.570 Mhz <b>HF CW</b>
Daily @ 02:00 UTC	Utah Farm net HF	3.937 Mhz <b>HF LSB</b>
Sunday @ 8:45 AM	Ogden Old Timers HF net	7.193 Mhz <b>HF LSB</b>
Sunday @ 7:30 PM	UBET ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan Co Net	147.060 = simplex
Sunday @ 9:00 PM	UARC Info net	146.620- no PL tone required
Monday @ 9:00 PM	2-meter SSB net	144.250 Mhz <b>2-meter USB</b>
<b>Tuesday @ 8:00 PM</b>	<b>Weber ARES</b>	<b>448.600 - 123.0</b>
Tuesday @ 8:00 PM	VHF Society Swap	147.120 + 100.0
Tuesday @ 9:00 PM	Bridgerland ARC	147.260 + 103.5
Wednesday @ 8:00 PM	UBET ARC	145.290-, 145.430-, 448.300- (all 123.0)
Wednesday @ 8:30 PM	CSEARG	145.770 simplex
Wednesday @ 9:00 PM	No Utah 10m HF net	28.313 Mhz <b>HF USB</b>
Wednesday @ 9:00 PM	6-meter SSB net	50.125 Mhz <b>6-meter USB</b>
Thursday @ 6:30 PM	Davis Co Elmers Net	147.040 + 123.0 <b>New Hams</b>
Thursday @ 7:00 PM	Davis ARES	147.420 = simplex
Thursday @ 8:00 PM	Weber State ARC	146.820 - 123.0 (coming soon)
Thursday @ 8:00PM	RACES State VHF	145.490 - 123.0, 146.680 - 123.0 3 <sup>rd</sup> Thursday - even months only
Thursday @ 9:00PM	Wasatch Back Net	147.360 + 100.0
Saturday @ 8:00AM mst	RACES State HF	3.920 Mhz <b>HF LSB</b> 3 <sup>rd</sup> Saturday – odd months only
Saturday @ 11:00AM mst	QCWA net HF	7.272 Mhz <b>HF LSB</b>

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**73 es cul de W7SU**

[www.OgdenArc.org](http://www.OgdenArc.org)

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